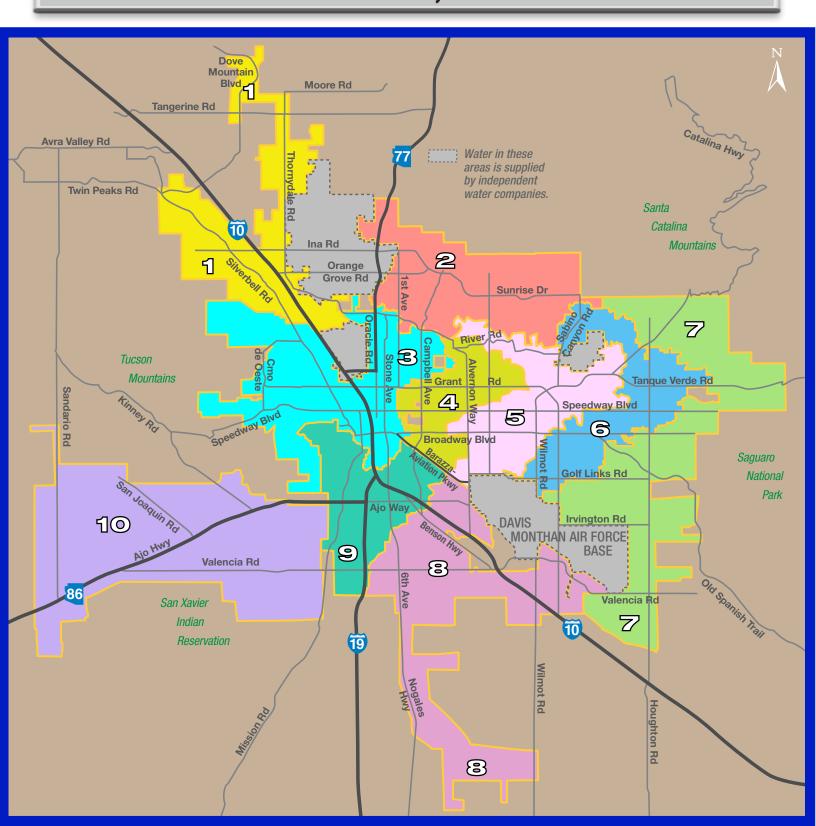


To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system — before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

Main Water System





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Main Water System

TEST RESULTS BY WATER QUALITY ZONE

| Zones | Hardness (mg/L*) 86 SP | Sodium (mg/L*) 84 SP | Nitrate-N (mg/L*) 84 SP | Fluoride (mg/L*) 84 SP | pH Level (S.U.) 246 SP | Temperature (deg°F) 246 SP |
|-------|---------------------------|-----------------------------|--------------------------------|---------------------------|-------------------------------|-----------------------------------|
| 1 | 235 | 58 | 2.13 | 0.35 | 7.8 | 80.6 |
| 2 | 238 | 64 | 0.94 | 0.44 | 7.9 | 82.2 |
| 3 | 205 | 59 | 1.38 | 0.44 | 8.0 | 82.5 |
| 4 | 204 | 57 | 0.94 | 0.37 | 7.8 | 83.3 |
| 5 | 206 | 57 | 1.02 | 0.39 | 7.8 | 82.0 |
| 6 | 240 | 64 | 0.85 | 0.43 | 7.9 | 81.7 |
| 7 | 210 | 55 | 1.09 | 0.39 | 7.8 | 82.2 |
| 8 | 225 | 53 | 1.65 | 0.59 | 7.7 | 81.4 |
| 9 | 204 | 58 | 1.57 | 0.50 | 7.8 | 83.0 |
| 10 | 188 | 58 | 1.58 | 0.40 | 7.9 | 82.0 |
| Avg | 214 | 58 | 1.22 | 0.43 | 7.8 | 82.2 |

^{*}mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points

COLIFORM

The U.S. Environmental Protection Agency (EPA) has primary standards for levels of coliform bacteria and the disinfectant chlorine.







Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells — not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

Catalina Water System

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 persons with water from two wells.

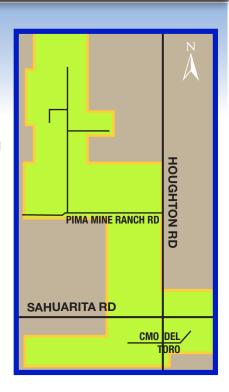


TEST RESULTS from 2 Sample Points

| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) |
|---------------------|-------------------|--------------------------|-----------------------|------------------------|---------------------------|
| 89 | 24 | 0.43 | 0.52 | 8.1 | 78.2 |
| * mg/L mean | s milligrams p | er liter 1 mg /l | L = 1 teaspoon | in 1,302 gallo | ons |
| | | | | | |
| COLIFOR | M | | | | |
| The U.S. Envir | onmental | EPA stand positive sa | ui u i vi | 1 | |
| Protection Ag | | as . | | | |
| primary stand | | | esults | 0 | |
| disinfectant c | | e | | | |
| | | | | | |
| CHLORIN | E | - | - - | FD | A Standard |
| | | | | | ıx. 4.0 mg/L |
| | | | | _ | |
| Actua | Average | | | | cson Water get average |
| 1.2 mg, | /L | | | | to 1.2 mg/L |
| | | | Col | | |

Corona de Tucson Water System

Corona de Tucson is a community located near Sahuarita and Houghton Roads, with about 2,600 services supplying about 7,300 persons with water from three wells.



TEST RESULTS from 8 Sample Points

| Hardness (mg/L*) 2 SP | Sodium (mg/L*) 2 SP | Nitrate-N (mg/L*) 2 SP | Fluoride (deg°F) 2 SP | pH Level (S.U.) 8 SP | Temperature (deg°F) 8 SP |
|--------------------------|----------------------------|----------------------------------|---------------------------------|-----------------------------|-----------------------------|
| 250 | 51 | 1.00 | 0.35 | 7.5 | 82.1 |
| *mg/L means n | nilligrams per li | ter 1 mg/L = 1 | teaspoon in 1,30 |)2 gallons SP | = Sample Points |
| | | | | | |
| COLIFOR | M | | | | |
| The U.S. Envir | | EPA stand | ui ui i i | 1 | |
| Protection Ac | | positive s as | ampies | | |
| primary stand | | | esults | 0 | |
| of coliform ba | acteria and th | e | | | |
| disinfectant of | :hlorine. | | | | |
| | | | | | |
| CHLORIN | IE | | | EP | A Standard |
| | | | | | ıx. 4.0 mg/L |
| | | | | _ | |
| | | | | | cson Water |
| Actua | al Average | | | | rget average to 1.2 mg/L |
| 0.7 mg | 1/L | | Co | · 0.0 | 10 1.2 111g/L |



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Diamond Bell Water System

Diamond Bell is a community located south and east of Sasabe Road and Diamond Bell Ranch Road respectively,



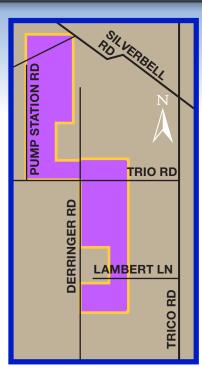
with about 200 connections supplying about 570 persons with water from two wells.

TEST RESULTS from 1 Sample Point

| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) |
|---------------------|-------------------|-------------------------|---------------------|--------------------|----------------------------|
| 118 | 30 | 1.58 | 0.33 | 7.9 | 77.5 |
| *mg/L mean | s milligrams p | er liter 1 mg/l | L = 1 teaspoon | in 1,302 gallo | ons |
| | | | | | |
| COLIFOR | M | | | | |
| The U.S. Envir | onmental | EPA stand positive s | | 1 | |
| Protection Ag | , | as . | anipies | | |
| primary stand | | | esult | 0 | |
| of coliform ba | | ie | | | |
| uisimectant c | morme. | | | | |
| CHLORIN | E | - = | | | |
| CIILOMIN | L | | | | A Standard IX. 4.0 mg/L |
| | | | | 7710 | n. nomy, L |
| | | | | Tue | cson Water |
| Actua | | | | | get average |
| 0.9 mg | // | | | 0.8 | to 1.2 mg/L |

Rancho del Sol Lindo & White Fence Farms Water System

Rancho del
Sol Lindo is a
community located
southwest of
Silverbell Road and
North Trico Road.
Rancho del Sol
Lindo has about
1,000 connections,
supplying about
2,700 persons with
water from two
wells.



TEST RESULTS from 3 Sample Points

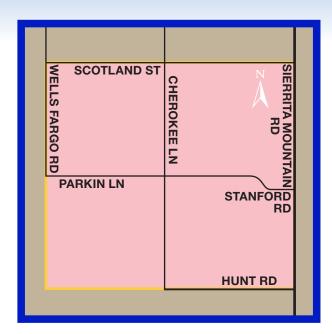
| Hardness (mg/L*) | Sodium | Nitrate-N | Fluoride | pH Level | Temperature |
|---------------------|----------------|------------------------|----------------|-----------------|---------------------|
| 121 | (mg/L*) | (mg/L*) 2.43 | (deg°F) | 7.8 | (deg°F) 80.2 |
| *ma/L mean | s milligrams n | erliter 1 mg /l | L = 1 teaspoor | in 1.302 gallo | ons |
| g, zca | 5 mingrams p | | - reaspoor | 7 m 1/3 02 guil | 5115 |
| COLIFOR | M | | | | |
| The U.S. Fnvir | | EPA stand | | 4 | |
| Protection Ag | | positive s a | amples | • | |
| primary stand | , | | esults | 0 | |
| of coliform ba | | | | 0 | |
| disinfectant c | hlorine. | | | | |
| | | | | | |
| CHLORIN | E | | | EP | A Standard |
| | | | | | ıx. 4.0 mg/L |
| | | | | | |
| _ | | | | | cson Water |
| Actua | l Average | N | | | rget average |
| 0.9 mg | /L | | Call Call | 0.8 | to 1.2 mg/L |



Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells — not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

Sierrita Foothills Water System

This is a small community by the Three Points area, with 30 connections supplying approximately 75 people from one well.

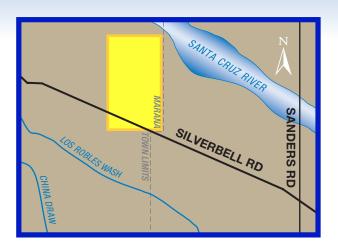


TEST RESULTS from 1 Sample Point

| | | | <u> </u> | | |
|----------------------------------|-------------------|---------------------------|---------------------|------------------------|----------------------------|
| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) |
| 96 | 35 | 1.70 | 0.47 | 7.9 | 79.5 |
| *mg/L mean | s milligrams p | er liter 1 mg /l | L = 1 teaspoon | in 1,302 gallo | ons |
| | | | | | |
| COLIFOR | M | | | | |
| The U.S. Envir | | EPA stand | | 1 | |
| Protection Ag | ency (EPA) h | positive s a as | amples | | |
| orimary stand | | | esult | 0 | |
| of coliform ba disinfectant c | | ie | | | |
| uisiiiiectaiit C | illorille. | A | | | |
| CHLORIN | E | | | | |
| CIILOMIN | L | | | | A Standard ax. 4.0 mg/L |
| | | | | me | o mg/ L |
| | | | | | cson Water |
| Actua | | | | | get average |
| 0.8 ma | // | | | 0.8 | to 1.2 mg/L |

Silverbell West Water System

The Silverbell West system has 83 connections serving approximately 230 people from one well.



TEST RESULTS from 1 Sample Point

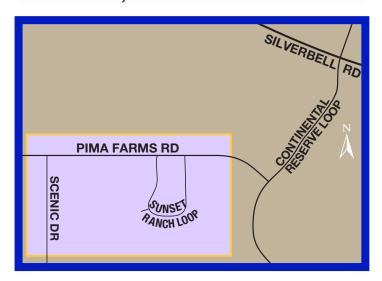
| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) |
|---|--|-----------------------|-----------------------|--------------------|---|
| 330 | 87 | 20.9 | 0.54 | 7.5 | 79.9 |
| * mg/L mean | ıs milligrams p | er liter 1 mg/l | L = 1 teaspoor | in 1,302 gallo | ons |
| | | | | | |
| The U.S. Envir Protection Ag primary stand of coliform bad disinfectant c | onmental Jency (EPA) ha dards for leve Acteria and th | ls Positive re | amples | 0 | |
| CHLORIN | IE | | | | A Standard ax. 4.0 mg/L |
| Actua 1.1 mg | - | - | | tai | cson Water rget average to 1.2 mg/L |



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Sunset Ranch Water System

The Sunset Ranch system is a unique water system serving approximately 30 homes. This is the only Tucson Water system where water is not supplied by a Tucson Water well; the Town of Marana supplies water to the Sunset Ranch system.

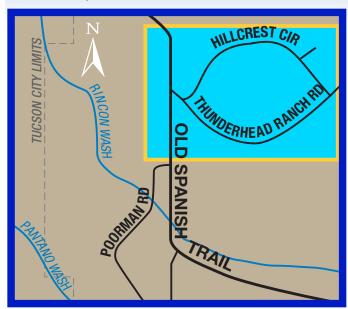


TEST RESULTS from 1 Sample Point

| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) |
|--|--|-----------------------|----------------------------|--------------------|---|
| 272 | 111 | 4.13 | 0.71 | 7.3 | 78.3 |
| * mg/L mean: | s milligrams p | er liter 1 mg/l | L = 1 teaspoon | in 1,302 gallo | ons |
| | | | | | |
| The U.S. Environment of coliform badisinfectant cl | onmental ency (EPA) ha lards for leve cteria and th | ls Positive re | amples | 0 | |
| CHLORIN | E | | | | A Standard ax. 4.0 mg/L |
| Actual 1.1 mg/ | | > | | tai | cson Water rget average to 1.2 mg/L |

Thunderhead Ranch Water System

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 persons with water from two wells.



TEST RESULTS from 1 Sample Point

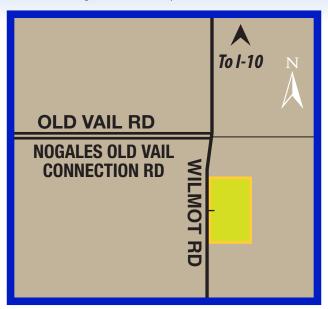
| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) | | | | |
|--|---|----------------------|---------------------|----------------------------------|---|--|--|--|--|
| 92 | 13 | 1.91 | 0.22 | 8.1 | 79.5 | | | | |
| * mg/L mean | *mg/L means milligrams per liter $1 \text{ mg/L} = 1 \text{ teaspoon in 1,302 gallons}$ | | | | | | | | |
| COLIFOR The U.S. Envir Protection Ag primary stand of coliform ba disinfectant c | onmental ency (EPA) ha dards for leve acteria and th | ls Positive r | amples | 1 | | | | | |
| Actua | I | | | <i>Md</i> Tu∂ ← tar | A Standard ix. 4.0 mg/L cson Water rget average to 1.2 mg/L | | | | |



Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells — not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

Tucson Police-Fire Academy Water System

The Police-Fire Academy, located south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 persons regularly, plus class members taught at this facility.

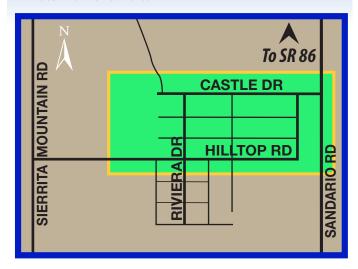


TEST RESULTS from 1 Sample Point

| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) | | | | | |
|---------------------|---|--------------------------|-------------------------|------------------------|-----------------------------|--|--|--|--|--|
| 199 | 42 | 0.79 | 0.34 | 7.6 | 75.4 | | | | | |
| * mg/L mear | *mg/L means milligrams per liter $1 \text{ mg/L} = 1 \text{ teaspoon in 1,302 gallons}$ | | | | | | | | | |
| | | | | | | | | | | |
| COLIFOR | M | FDA atau d | | | | | | | | |
| The U.S. Envi | • | EPA stand positive sa | | 1 | | | | | | |
| | gency (EPA) ha dards for leve | | | | | | | | | |
| | acteria and th | | Positive result 0 | | | | | | | |
| disinfectant o | hlorine. | | | | | | | | | |
| CIII ODII | | | | | | | | | | |
| CHLORIN | l E | | | | A Standard | | | | | |
| | | | | IVIC | ıx. 4.0 mg/L | | | | | |
| | | | | | cson Water | | | | | |
| Actua | I | | | | rget average to 1.2 mg/L | | | | | |
| 0.6 mg | ı/L | - | | 0.0 | to 1.2 mg/L | | | | | |

Valley View Acres Water System

Valley View Acres is a small community located north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.



TEST RESULTS from 1 Sample Point

| Hardness (mg/L*) | Sodium (mg/L*) | Nitrate-N (mg/L*) | Fluoride (deg°F) | pH Level (S.U.) | Temperature (deg°F) |
|---------------------------------|-------------------|--------------------------|----------------------------|--------------------|---------------------------|
| 120 | 44 | 1.76 | 0.65 | 7.7 | 77.0 |
| * mg/L means | s milligrams p | erliter 1 mg /l | L = 1 teaspoon | in 1,302 gallo | ons |
| | | | | | |
| COLIFOR | M | | | | |
| The U.S. Enviro | onmental | EPA stand positive sa | | 1 | |
| Protection Ag | • | as . | | | |
| primary stand of coliform ba | | | esult | 0 | |
| disinfectant cl | | e | | | |
| | | | | | |
| CHLORIN | E | - 1 | | FP | A Standard |
| | | | | | ıx. 4.0 mg/L |
| | | | | _ | |
| Actual | | | | | cson Water get average |
| | | | | 0.8 | 2 |